

Czech Enterprise-Grade Optical Router QSFP-DD



Overview

The 400G QSFP-DD ZR+ is designed to 100G/200G long haul and 300G/400G Metro IP over DWDM applications without inline chromatic dispersion compensation. 400G DP-16QAM modulation format. With one VOA inside the TX optical path the out output optical power has 4dB attenuation window. Cisco QSFP-DD and OSFP 800G ZR/ZR+ digital coherent optics modules enable 800G traffic over amplified Dense Wavelength-Division Multiplexing (DWDM) links up to 120 km for 800ZR and over 1000 km for 800G ZR+. QSFP-DD extends the use. Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D. ZR+, Standard Tx output power (-10dBm), C-band tunable, Pull tab, 0°C to 70°C, LC receptacle The emerging OIF 400ZR and Open ZR+ MSA coherent transceivers in QSFP-DD and OSFP form factors generally have low transmit output power (-10 dBm), making them incompatible with ROADM networks. They are operating on 1310nm wavelength, and are compliant with the QSFP-DD MSA.



Article Content

May 09, 2026

Cisco QSFP-DD and OSFP 800G ZR/ZR+ Coherent

They expand Cisco routed optical networking applications to include 800G links and are compatible with Cisco and third-party 800G-capable routers,

Jul 27, 2025

400G/300G/200G QSFP-DD Digital Coherent Optics

The emerging OIF 400ZR and Open ZR+ MSA coherent transceivers in QSFP-DD and OSFP form factors generally have low transmit output power (-10 dBm),

Jun 21, 2026

Cisco QSFP-DD and OSFP 800G ZR/ZR+ Coherent Optics Modules

They are an optimal choice to extend Cisco Routed Optical Networking use cases to high-capacity single-span DCI applications, for metro/regional DWDM applications in service provider networks,

Nov 27, 2025

QSFP-DD Product Family » Acacia

Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D Siliconization. Supports an expansive list of interoperability

Feb 27, 2026

QSFP-DD TRANSCEIVERS for 400G and 800G

QSFP-DD is the most widely adopted form factor for 400G, with great potential for 800G. While QSFP-DD prioritizes backward compatibility, OSFP's larger surface

Mar 28, 2026

400Gb/s QSFP-DD ZR+ Coherent Optical Transceiver

The 400G QSFP-DD ZR+ is a C-Band optical frequency tunable coherent optical module, combines 7nm coherent DSP ASIC functionality with best in class ultra-narrow line-width tunable

Jul 14, 2025

QSFP-DD-Metro and Long Haul Optical Networking

The product supports 400Gbps transmission speeds in an industry-standard, pluggable QSFP-DD form factor with 7nm DSP and can be widely used in metro

Dec 26, 2025

400G QSFP56-DD

They are operating on CWDM4 wavelength, and are compliant with the QSFP-DD MSA. Digital diagnostics functions are available via the I2C interface, as specified

Nov 07, 2025

QSFP-DD Optical Module Overview: What is the differ?

This article will introduce the next generation optical module in detail, QSFP-DD, also known as quad small factor pluggable, and this article will also

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://moletenare-ew.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

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